THE DAINED SHAYES OF ANTERIOR

no au no vuon uuse exesums suan cone: Archer-Baniels-Midland Company

THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

YOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY PLANS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPURSHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE CHILD EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR CHILD OF THE OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE UNPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT LAYTHE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

BEAN, FIELD

'Shania'

In Testimonn Murror, I have hereunto set my hand and caused the seal of the Hinni Pariety Protection Office to be affixed at the City of Washington, D.C. this twentieth day of August, in the year two thousand and eight.

Allost:

Qe-3-

Commissioner Plant Varioty Protoction Offico Agricultural Marketing Service Should I That

REPRODUCE LOCALLY. Include form number and da	te on all i	reproductions	,			Form Approved - OMB No. 0581-0055			
U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE				The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.					
APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE (Instructions and information collection burden statement on reverse)			Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).						
Archer-Daniels-Midland Company				RY DESIGNATION OR EXPERIM 240		3. VARIETY NAME Shania			
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)				NE (include area code)		FOR OFFICIAL USE ONLY			
4666 Faries Parkway			(217) 4	51-2777		PVPO NUMBER			
Decatur, II. 62526			6. FAX (linclude area code) (217) 451-5100			#200800184			
7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION (corporation, partnership, association, etc.) Corporation 8. IF INCORPORATED, GIVE STATE OF INCORPORATION DE			9. DATE OF I	ncorporation 2, 1923		MARCH 27, 2008			
10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATI Andrew F. Nilles Archer-Daniels-Midland Company 4666 Farries Parkway Decatur, II. 62526				n listed will receive all papers)	\$ \$ \$ \$ \$	FILING AND EXAMINATION FEES: S 4 382.00 R DATE 3 27/08 CERTIFICATION FEE: S 768.00 DATE 8 7 108			
11: TELEPHONE (Include area code) (217) 451-2777	1	((Include area code)) 451-5100		13. E-MAIL andrew_nilles@ac	dmworld co	com			
14. CROP KIND (Common Name)	1 '	MILY NAME (Botanical)		18. DOES THE VARIETY CON					
Field Bean	Faba	aceae		YES 🗸 NO					
15. GENUS AND SPECIES NAME OF CROP		HE VARIETY A FIRST GENERATION	ON HYBRID?			PHIS REFERENCE NUMBER FOR THE GENETICALLY MODIFIED PLANT FOR			
Phaseolus vulgaris		YES NO		COMMERCIALIZATION.					
19. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse) a				OF CERTIFIED SEED? (S YES (If "yes", ans NO (If "no", go to I UNDECIDED 21. DOES THE OWNER SPEC NUMBER OF CLASSES? YES NC IF YES, WHICH CLASSES 22. DOES THE OWNER SPEC NUMBER OF GENERATIO YES NC IF YES, SPECIFY THE NU FOUNDATION (If additional explanation is	See Section 83(a) (wer items 21 and 2 item 23) CIFY THAT SEED () ?	OF THIS VARIETY BE LIMITED AS TO FION THE REGISTERED THE CERTIFIED OF THIS VARIETY BE LIMITED AS TO .			
23. HAS THE VARIETY (INCLUDING ANY HARVES FROM THIS VARIETY BEEN SOLD, DISPOSED OTHER COUNTRIES? VES NO MUST PROVIDE THE DATE OF FOR EACH COUNTRY AND THE CIRCUMSTAI	OF, TRA	NSFERRED, OR USED IN THE U. .E. DISPOSITION, TRANSFER, OF	INTELLECTUAL PROPERTY RIGHT (PLANT BREEDER'S RIGHT OR PATENT)? YES VON IF YES, PLEASE GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED REFERENCE NUMBER. (Please use space indicated on reverse.)						
25. The owners declare that a viable sample of basis for a tuber propagated variety a tissue culture with the indersigned owner(s) is(are) the owner of the entitled to protection under the provisions of Section 4. Owner(s) if (are) informed that false representations of Section 4. SIGNATURE OF OWNER NAME (Please print or type) David J. Smith	ill be depo nis sexuall 12 of the P	sited in a public repository and ma y reproduced or tuber propagated p lant Variety Protection Act, can jeopardize protection and resul	Intained for the delant variety, and lit in penalties. SIGNAT	uration of the certificate. believe(s) that the variety is new, rure of owner	distinct, uniform, a				
Exec. VP., Secretary, General Co	03-25-2008	CAPAC	ITY OR TITLE	DATE					

(See reverse for instructions and information collection burden statement)

GENERAL INSTRUCTIONS: To be effectively filed with the Plant Variety Protection Office (PVPO), ALL of the following items must be received in the PVPO: (1) Completed application form signed by the owner; (2) completed exhibits A, B, C, E, F; (3) for a tuber reproduced variety, verification that a viable (in the sense that it will reproduce an entire plant) tissue culture will be deposited and maintained in an approved public repository; and (4) payment by credit card or check drawn on a U.S. bank for \$4,382 (\$518 filing fee and \$3,864 examination fee), payable to "Treasurer of the United States" (See Section 97.6 of the Regulations and Rules of Practice). NEW: With the application for a seed reproduced variety or by direct deposit soon after filing, the applicant must provide at least 3,000 viable untreated seeds of the variety per se, and for a hybrid variety at least 3,000 untreated seeds of each line necessary to reproduce the variety. Partial applications will be held in the PVPO for not more than 90 days; then returned to the applicant as un-filed. Mail application and other requirements to Plant Variety Protection Office, AMS, USDA, Room 401, NAL Building, 10301 Baltimore Avenue, Beltsville, MD 20705-2351. Retain one copy for your files. All items on the face of the application are self explanatory unless noted below. Corrections on the application form and exhibits must be initialed and dated. DO NOT use masking materials to make corrections. If a certificate is allowed, you will be requested to send a payment by credit card or check payable to "Treasurer of the United States" in the amount of \$768 for issuance of the certificate. Certificates will be issued to owner, not licensee or agent.

NOTES: It is the responsibility of the applicant/owner to keep the PVPO informed of any changes of address or change of ownership or assignment or owner's representative during the life of the application/certificate. The fees for filing a change of address; owner's representative; ownership or assignment; or any modification of owner's name is specified in Section 97.175 of the regulations. (See Section 101 of the Act, and Sections 97.130, 97.131, 97.175(h) of the Regulations and Rules of Practice.)

Plant Variety Protection Office

Telephone: (301) 504-5518

FAX: (301) 504-5291

General E-mail: PVPOmail@usda.gov

Homepage: http://www.ams.usda.gov/science/pvpo/PVPindex.htm

SPECIFIC INSTRUCTIONS:

To avoid conflict with other variety names in use, the applicant must check the appropriate recognized authority and **provide evidence** that the permanent name of the application variety (even if it is a parental, inbred line) has been cleared by the appropriate recognized authority before the Certificate of Protection is issued. For example, for agricultural and vegetable crops, contact: U.S. Department of Agriculture, Agricultural Marketing Service, Livestock and Seed Programs, **Seed Regulatory and Testing Branch**, 801 Summit Crossing Place, Suite C, Gastonia, North Carolina 28054-2193 Telephone: (704) 810-8870. http://www.ams.usda.gov/lsg/seed.htm.

ITEM

19a. Give:

- (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method;
- (2) the details of subsequent stages of selection and multiplication;
- (3) evidence of uniformity and stability; and
- (4) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified
- 19b. Give a summary of the variety's distinctness. Clearly state how this application variety may be distinguished from all other varieties in the same crop. If the new variety is most similar to one variety or a group of related varieties:
 - (1) identify these varieties and state all differences objectively;
 - (2) attach replicated statistical data for characters expressed numerically and demonstrate that these are clear differences; and
 - (3) submit, if helpful, seed and plant specimens or photographs (prints) of seed and plant comparisons which clearly indicate distinctness.
- 19c. Exhibit C forms are available from the PVPO Office for most crops; specify crop kind. Fill in Exhibit C (Objective Description of Variety) form as completely as possible to describe your variety.
- 19d. Optional additional characteristics and/or photographs. Describe any additional characteristics that cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, etc.
- 19e. Section 52(5) of the Act requires applicants to furnish a statement of the basis of the applicant's ownership. An Exhibit E form is available from the PVPO.
- 20. If "Yes" is specified (seed of this variety be sold by variety name only, as a class of certified seed), the applicant MAY NOT reverse this affirmative decision after the variety has been sold and so labeled, the decision published, or the certificate issued. However, if "No" has been specified, the applicant may change the choice. (See Regulations and Rules of Practice, Section 97.103).
- 23. See Sections 41, 42, and 43 of the Act and Section 97.5 of the regulations for eligibility requirements.
- 24. See Section 55 of the Act for instructions on claiming the benefit of an earlier filing date.
- 22. CONTINUED FROM FRONT (Please provide a statement as to the limitation and sequence of generations that may be certified.)
- 23. CONTINUED FROM FRONT (Please provide the date of first sale, disposition, transfer, or use for each country and the circumstances, if the variety (including any harvested material) or a hybrid produced from this variety has been sold, disposed of, transferred, or used in the U.S. or other countries.)

December 2007

24. CONTINUED FROM FRONT (Please give the country, date of filing or issuance, and assigned reference number, if the variety or any component of the variety is protected by intellectual property right (Plant Breeder's Right or Patent).)

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 1.4 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program (Not at prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD).

PVP Application for Shania

Exhibit A: Origin and Breeding History of the Variety

Statement of Uniformity and Stability

Observations in seed-increase during the 6 years of 2002-2007 indicate that Shania is uniform and stable. No variants were observed. Selection criteria for each generation included removal of off-types for plant architecture and maturity in the field before harvesting. Off-types for seed shape, color or size were removed on the mill line.

Shania is a dry bean of the black bean market class that was derived from a cross between the black bean cultivars T39 and Midnight. The cross was made in the winter of 2000-2001. The F1 seed was planted in the field in 2001. F2 seed was harvested and seeds with a dull black seed coat were planted in the greenhouse in winter of 2001-2002. F3 seed was harvested from single F2 plants in the greenhouse and planted as a single row in the field in 2002.

Shania was derived from a single F3 row selected for upright structure and yield by the pedigree breeding method. All plants in the row displayed the same upright phenotype. F4 seed harvested from the upright row was bulked and used as the source of seed for all subsequent generations. All plants in F5 and F6 generations also displayed the same upright character, further indicating uniformity and stability.

PVP Application for B201240 (Shania)

Exhibit B: Statement of Distinctness

Shania most closely resembles the T39 black bean variety.

Shania is distinct from T39 in its plant structure. Shania holds its pods off the ground and establishes a canopy that allows improved air flow as compared to T39. The data on the upright structure was collected over three years (2005, 2006 and 2007) at two locations.

Upright Structure of Shania vs. T39

Year	Location	T39	Shania
2005	Caldwell Idaho A	5.0	7.0
2005	Caldwell Idaho B	6.3	7.3
2006	Caldwell Idaho A	5.3	8.2
2006	Caldwell Idaho B	7.2	8.4
2007	Caldwell Idaho A	5.3	5.6
2007	Caldwell Idaho B	5.5	6.1
	Multi Year		
	Average	5.7	7.1
	paired T-Test		
	(P=) 0.010		

Rating of 1 = prostrate vine with all pods touching the ground; Rating of 9 = completely erect with no pods touching the ground Each rating represents the average of 3 replications in one experiment.

The paired T-Test conducted on multi-year structure ratings of T39 and Shania confirms that these values are significantly different.

The distinct upright structure of Shania provides at least two benefits over T39. The distinct upright structure of Shania enables direct harvesting of the beans using equipment designed for soybean harvesting, as compared to T39 which requires pulling or cutting of the bean plant prior to harvesting. The second benefit of upright structure of Shania is that it generates a porous canopy which does not trap as much humidity as does the canopy of the shorter, bushy plant of the T39 variety. This porous canopy of Shania minimizes the spread of fungal diseases, such as white mold. The upright structure of Shania combined with an adequate yield minimizes fuel and chemical inputs to dry bean production.

Variety Name	Rust Reaction	Direct Harvest
T39	moderate resistance	NO
B201240 (Shania)	very resistant	YES

REPRODUCE LOCALLY, include form number and date on all reproductions.

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The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD).

To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

> U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE SCIENCE AND TECHNOLOGY PLANT VARIETY PROTECTION OFFICE BELTSVILLE, MD 20705

Exhibit C

OBJECTIVE DESCRIPTION OF VARIETY Field Bean (Phaseolus vulgaris L.)

NAME OF APPLICANT (S) Archer-Daniels-Midland Company	TEMPORARY OR EXPERIMENTAL DESIGNATION B201240	variety name Shania			
ADDRESS (Street and No. or RD No., City, State, Zip Code, and Cou 4666 Faries Parkway Decatur, Il. 62526	ntry)	PVPO NUMBER #200800184			
PLEASE READ ALL INSTRUCTIONS CAREFULLY:					
Provide data for all characters unless indicated as "optio Measured data should be the mean of an appropriate nu may be used to determine plant color. Designate the co	imber of well spaced (15-20 cm) plants. The Roya	's or numerical values that best describe this variety. I Horticultural Society or any recognized color standard			
COLOR SYSTEM USED: Royal Horticulture Society	LOCATION OF THE TEST(S Caldwell Idaho	S) TO EVALUATE THIS VARIETY:			
1. MARKET CLASS: O 3	0 9 8 Days from P Heat Ur Base To	s) 2 = Medium (90-100 Days) 3 = Late (> 100 Days) Ianting to Harvest Maturity nits from Planting to Harvest Maturity (Optional). Specify emperature Used: Ianting to Harvest Maturity of Check Variety (Use Check to Market Class Shown in Item 1)			
3. PLANT HABIT: TYPE	0 6 5 Average Hei	ght of Mature Plant, in cm.			
1 = Ia Bush-determinate, Strong and Erect Stem a 2 = Ib Bush-determinate, Weak Stem and Branche 3 = Ila Erect Growth Habit-indeterminate, Guides or not developed 4 = Ilb Erect Growth Habit-indeterminate, Guides with no Ability to Climb 5 = Illa Vine-indeterminate, Short Guides with Abil 7 = IVa Indeterminate Climbing, Pods Distributed Plant	md Branches es (Runners) short Medium to Long, ability to Climb Average Heigen (Use Sam (Use Sam 3 Pod Position: 1 = 2 = 3 = 3 = 3 = 3 = 3 = 3 = 3 = 3 = 3	ght of Check Variety, in cm. ne Check as Above) = Low (Lower Pods Touching Soil Surface) = High (Lower Pods not Touching Soil Surface) = Scattered (Not Concentrated High or Low) achine Harvest: 1 = Adapted 2 = Not Adapted			

8 = IVb Indeterminate Climbing, Pods Concentrated on the Upper

Part of the Plant

4. LEAFLET MORPHOLOGY: (Use terminal Leaflet of a Fully Expanded Trifoliolate)



1 = Smooth

2 = Wrinkled



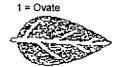
1 = Dull



3 = Semiglossy

4 = Variable

3



2 = Lanceolate



3 = Deltoid



4 = Cordate



5 = Rhomboid



Apex of Leaflet:





2 = Acuminate







4 = Cuneate





Base of Leaflet:



1 = Obtuse



2 = Oblique



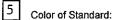
3 = Cordate





5 = Attentuate

5. FLOWER COLOR AND DAYS TO BLOOM:



1 = White 4 = Blue

2 = Cream 5 = Purple

3 = Pink

3 = Pink

Color of Keel:

1 = White 4 = Blue

2 = Cream 5 = Purple

3 = Pink

Color of Wings:

1 = White 2 = Cream 4 = Blue

5 = Purple

Days to 50% Bloom



6. POD MORPHOLOGY: (Green Pod Morphology Optional)





Color Pattern:

1 = Solid

2 = Striped

2 = Red

3 = Blotched 4 = Mottled

5 = Other

7 = Other 6 = Brown

Primary Color: Color Modifier:

1 = Light

2 = Light Medium

3 = Medium

4 = Medium Dark

5 = Dark

Secondary Color: 1 = Purple

Cross Section Shape:

1 = Purple

2 = Red

3 = Green

3 = Green

4 = Yellow

3 = Round

4 = Yellow

5 = Tan

5 = Tan

6 = Brown

7 = Other



4 = Figure Eight

2 = Pear



Pod Curvature

1 = Straight

2 = Slightly Curved



4 = Recurved

3 = Curved Downward

4 = Variable Average Beak Length, in cm.

1 = Straight

2 = Slight

3 = Deep

2 = Curved Upward

Constrictions:

1 = None

Average Number of Seeds per Pod

Pod Beak Orientation:

7. SE	ED COL	OR:													
2	1 = :	Shiny	2 = Dull	3 = Semis	hiny	4 = Varia	ıble	1] 1 = 1	/lonochror	ne	2 = P	olychrome		
1	0	Primary	5 =	Brown 6 = F			4 = Tan 8 = Purple er	1 0	Seco Colo	ondary r:	1 = White 5 = Brow 9 = Blue	n (2 = Yellow 3 = Pink 10 = Black	3 = Buff 7 = Red 11 = Othe	4 = Tan 8 = Purple r
1	Cold	or Pattem	: 1 = Solid 4 = Striped	2 = Splashed 5 = Flecked		Mottled Dotted		1	Hilar	Ring:	1 = Abse	nt	2 = Pr	esent	
1	0	Hilar Rir	ng Color:	1 = White 8 = Purple	2 = \ 9 = E	/ellow Blue	3 = Buff 10 = Black	4 = Ta 11 = C	n Other	5 = Browi	n 6=	Pink	7 = Re	ed	
8. SE	ED SHA	PE AND	WEIGHT:												_
2		pe of See n Middle		1 = Round	ı	2 = Oval	3	B = Cuboid		4 = Kidne	y	5 = Ti Fastig	runcate jate		
)] }		
2	0	Dry See	d Weight in g	/100g Seeds (Adjusted t	o 12% M	oisture)								
9. AN	THOCY	ANIN PIC	MENTATIO	N:						*					
1	= Abser	at	2 Flowe	rs	2	Stems	,	1 P	ods		2	Seeds	5		
-	= Prese		1 Leave	s	1	Petioles		2 P	eduncles	3	2	Node	S		
10. KNOWN DISEASE REACTION:															
V	/hite Mol irus, Bea Read	id, angula an Yellow ction: 1	ar Leaf Spot, Mosaic Virus Susceptib	: Anthracnose Bacterial Wilt, s, Curly Top Vi le 2 = R (CN), Scientific	Halo Bligh rus, Bacte esistant	nt, Fuscou erial Brow 3	is Blight, Co n Spot, Bea = Tolerant	mmon Bac n Southern 4	terial Blig Mosaic = Avoida	ght, Red N Virus, Oth	lode Virus	s, Pod I	Root Rot, i Mottle Viru	Pythium Wil s, Bean Cor	t, Sclerotinia mmon Mosaic —
2	Dise	ase: CN	Bean Co	mmon Mos	aic Vi	Lryssn	Same			;	Race(s)	A11	(I-gen	ıe)	;
1	_	ase: CN	Bean Ma	saic Nec	rosis	; SN_	Same			;	Race(s)	A11			;
4	_ Disea		White M	lo1d		; SN ^S	clerot	inia so	clero	tiorum	Race(s)M	ichi	gan,N.	Dakot	a isolate
2		ase: CN					Uromyce								
1	Disea	ase: CN	Anthrac	nose		; sn(Colleto	trichu	m 11n	demut!	nianum Race(s)_	73	3		;
1	Disea	ase: CN	Common	Baterial	Blig	nt; sn∑	Kanthom	onas c	ompes	tris;	Race(s)_	A11			, ,
11. KN	IOWN IN	NSECT/N	EMATODE I	RESISTANCE:											
				hids, Bean Po Corn Seed Mag											ican Bean
	Read	tion: 1	= Susceptibl	e 2 = R	esistant	3	= Tolerant	4	= Avoida	nce	, ,	• • • • • • • • • • • • • • • • • • • •		•	
	(Give	the Com	mon Name (CN), Scientific	Name (SI	N), and R	ace(s), Whe	re Applicat	ole)						
Г	Pest	CN.				, SN_				;	Race(s)_				;
Ī	Pest:	CN.				; SN_				;	Race(s)_				;
	Pest:														
12. KN	IOWN P	HYSIOLO	OGICAL STR	ESS REACTION	ON:							-			
1 = Sus	ceptible	2 = 1	Resistant	3		<u>B</u>		2 _{Dr}		2					
3 = Tole	erant	4 = /	Avoidance	[<u></u> }	leat		Cold	L Dr	ought		Air Poll	ution			

13. COMMENTS:



REPRODUCE LOCALLY. Include form number and edition date on al	l reproductions. F	FORM APPROVED - OMB No. 0581-0055
U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE EXHIBIT E STATEMENT OF THE BASIS OF OWNERSHIP	Application is required in order to det certificate is to be issued (7 U.S.C2 confidential until the certificate is issued	421). The information is held
1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION	3. VARIETY NAME
	OR EXPERIMENTAL NUMBER	
Archer-Daniels-Midland Company	B201240	Shania
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZiP, and Country)	5. TELEPHONE (Include area code)	6. FAX (Include area code)
4666 Faries Parkway	(217) 451-2777	(217) 451-5100
Decatur, II. 62526	7. PVPO NUMBER #	200800184
8. Does the applicant own all rights to the variety? Mark an "X" in the	e appropriate block. If no, please expla	in. YES NO
9. Is the applicant (individual or company) a U.S. national or a U.S. b	eased company? If no, give name of c	ountry. YES NO
10. Is the applicant the original owner?	NO If no, please answer <u>one</u>	of the following:
a. If the original rights to variety were owned by individual(s), is (YES b. If the original rights to variety were owned by a company(ies) YES YES	NO If no, give name of count , is (are) the original owner(s) a U.S. ba NO If no, give name of countr	sed company? 'y
11. Additional explanation on ownership (Trace ownership from origin	nai breeder to current owner. Ose the re	everse for extra space il needed).
PLEASE NOTE:		
Plant variety protection can only be afforded to the owners (not licens	sees) who meet the following criteria:	
If the rights to the variety are owned by the original breeder, that pronational of a country which affords similar protection to nationals of a country which affords similar protection.	erson must be a U.S. national, national of the U.S. for the same genus and speci	of a UPOV member country, or es.
If the rights to the variety are owned by the company which employ nationals of a UPOV member country, or owned by nationals of a genus and species.	red the original breeder(s), the company country which affords similar protection t	must be U.S. based, owned by to nationals of the U.S. for the same
3. If the applicant is an owner who is not the original owner, both the	original owner and the applicant must m	eet one of the above criteria.
The original breeder/owner may be the individual or company who dir Act for definitions.	rected the final breeding. See Section 4	1(a)(2) of the Plant Variety Protection

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 0.1 hour per response, including the time for reviewing the instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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U.S. DEPARTMENT OF AGRICULTURE **AGRICULTURAL MARKETING SERVICE SCIENCE AND TECHNOLOGY** PLANT VARIETY PROTECTION OFFICE BELTSVILLE, MD 20705

EXHIBIT F

NAME OF OWNER (S)	ADDRESS (Street and No. or RD No., City, State, and Zip Code and Country)	TEMPORARY OR EXPERIMENTAL DESIGNATION			
Archer-Daniels-Midland Company	4666 Faries Parkway	B201240			
	Decatur, Il. 62526	VARIETY NAME Shania			
NAME OF OWNER REPRESENTATIVE (S)	ADDRESS (Street and No. or RD No., City, State, and Zip Code and Country)	FOR DEFICIAL USE CALY			
Andrew F. Nilles	4666 Faries Parkway Decatur, Il. 62526	#200800184			

I do hereby declare that during the life of the certificate a viable sample of propagating material of the subject variety will be deposited, and replenished as needed periodically, in a public repository in the United States in accordance with the regulations established by the Plant Variety Protection Office.

Filler